

Product datasheet for **SC124414**

CPVL (NM_019029) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CPVL (NM_019029) Human Untagged Clone
Tag:	Tag Free
Symbol:	CPVL
Synonyms:	HVLP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_019029, the custom clone sequence may differ by one or more nucleotides

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ATGGTTGGTGCCATGTGGAAGGTGATTGTTTCGCTGGTCTGTTGATGCCTGGCCCTGTGATGGGCTGT
TTCGCTCCCTATACAGAAGTGTTCATGCCACCTAAGGGAGACTCAGGACAGCCATTATTTCTCACCCC
TTACATTGAAGCTGGGAAGATCCAAAAAGGAAGAGAATTGAGTTTGGTCGGCCCTTTCCAGGACTGAAC
ATGAAGAGTTATGCCGGCTTCTCACCGTGAATAAGACTTACAACAGCAACCTCTTCTTCTGTTCTTCC
CAGCTCAGATACAGCCAGAAGATGCCCCAGTAGTTCTCTGGCTACAGGGTGGCCGGGAGGTTCCATCCAT
GTTTGGACTCTTGTGGAACATGGGCCTTATGTTGTACAAGTAACATGACCTTGCCTGACAGAGACTTC
CCCTGGACCACAACGCTCTCCATGCTTTACATTGACAATCCAGTGGGCACAGGCTTCAGTTTTACTGATG
ATACCCACGGATATGCAGTCAATGAGGACGATGTAGCACGGGATTTATACAGTGCCTAATTCAGTTTTT
CCAGATATTTCTGAATATAAAAAATAATGACTTTTATGTCACTGGGGAGTCTTATGCAGGGAAATATGTG
CCAGCCATTGCACACCTCATCCATTCCTCAACCCTGTGAGAGAGGTGAAGATCAACCTGAACGGAATTG
CTATTGGAGATGGATATTTCTGATCCCGAATCAATTATAGGGGGCTATGCAGAATTCCTGTACCAAATTGG
CTTGTGGATGAGAAGCAAAAAAGTACTTCCAGAAGCAGTGCCATGAATGCATAGAACACATCAGGAAG
CAGAACTGGTTTGAGGCCTTTGAAATACTGGATAAACTACTAGATGGCGACTTAACAAGTGATCCTTCTT
ACTTCCAGAATGTTACAGGATGTAGTAATTACTATAACTTTTTGCGGTGCACGGAACCTGAGGATCAGCT
TTACTATGTGAAATTTTTGTCACCTCCAGAGGTGAGACAAGCCATCCACGTGGGGAATCAGACTTTTAAT
GATGGAACATAGTTGAAAAGTACTTGGCAGAAGATACAGTACAGTCAGTTAAGCCATGGTTAACTGAAA
TCATGAATAAATTATAAGTTCTGATCTACAATGGCCAACCTGGACATCATCGTGGCAGCTGCCCTGACAGA
GCGCTCCTTGATGGGCATGGACTGGAAAGGATCCAGGAATACAAGAAGGCAGAAAAAAAAGTTTGAAG
ATCTTTAAATCTGACAGTGAAGTGGCTGGTTACATCCGGCAAGCGGGTACTTCCATCAGGTAATTATTC
GAGGTGGAGGACATATTTACCCTATGACCAGCCTCTGAGAGCTTTTGACATGATTAATCGATTCATTTA
TGGAAAAGGATGGGATCCTTATGTTGGATAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_019029 unedited GGAACCTCGGGATTTTGANAAACACGCATTTACTNATNAGGGCGGCACGCCATTGCGCAC GAGGCGGCTCAGGGTTGAGCACCAGCTGCGCCCGTAGCCCCGCTGCCCTGCGTGGGTC GTGCCAGCTCAGCGGGACAGGTCTCGCCTCGGTCCCTCGGACTTAGGGAGCGCGGGCA GACCCTGAGAGATGGTTGGTGCCATGTGGAAGGTGATTGTTTCTTTGTTCTGTTGATGC CTGGCCCTGTGATGGGCTGTTTCGCTCCCTATACAGAAGTGTTTCCATGCCACCTAAGG GAGACTCAGGACAGCCATTATTTCTCACCCCTTACATTGAAGCTGGGAAGATCCAAAAAG GAAGAGAATTGAGTTTGGTCGGCCCTTTCTAGGACTGAACATGAAGAGTTATGCCGGCT TCCTCACCGTGAATAAGACTTACAACAGCAACCTTCTTCTGTTTCTTCCCAGCTCAGA TACAGCCAGAAGATGCCCCAGTAGTTCTCTGGCTACAGGGTGGGCCGGGAGGTTTATCCA TGTGGACTCTTTGTGGAACATGGGCCTTATGTTGTCACAAGTAAACATGACCTTGCCTG ACAGAGACTTCCCCTGGACCACAACGCTCTCCATGCTTTACATTGACAATCCAGTGGGCA CAGGCTTCAGTTTACTGATGATACCCACGGATATGCAGTCAATGAGGACGATGTAGCAC GGGATTTATACAGTGCCTAATTCAGTTTTTCCAGATATTTCTGAATANTAAAAAATG ACTTTTATGTCACTGGGAGTCTTATGCAGGAAATATGTGCCAGCCATTGCACACCTCA TCATTCCCCTCACCTGTGAGAGAGGTGAAAGATCACCTGACGGATTGCTTTTGGAGAT GATATCTGATCCCGATCATATANGGGGCTTGCAGAATNCTT
Restriction Sites:	NotI-NotI
ACCN:	NM_019029
Insert Size:	1700 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_019029.1</u> , <u>NP_061902.1</u>
RefSeq Size:	1772 bp
RefSeq ORF:	1431 bp
Locus ID:	54504
UniProt ID:	<u>Q9H3G5</u>
Cytogenetics:	7p14.3
Domains:	serine_carbpept
Protein Families:	Druggable Genome, Protease

Gene Summary:

The protein encoded by this gene is a carboxypeptidase and bears strong sequence similarity to serine carboxypeptidases. Carboxypeptidases are a large class of proteases that act to cleave a single amino acid from the carboxy termini of proteins or peptides. The exact function of this protein, however, has not been determined. [provided by RefSeq, Jan 2017]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 3. All four variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.